

KD-Validated Anti-Tumor Protein P73 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody
Catalog # AGI1722

Product Information

Application	WB, FC
Primary Accession	O15350
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Names	24GB2040
Calculated MW	69623
Gene Name	TP73
Aliases	TP73; Tumor Protein P73; P73; P53-Like Transcription Factor; P53-Related Protein; CILD47
Immunogen	A synthesized peptide derived from human p73

Additional Information

Gene ID	7161
Other Names	Tumor protein p73, p53-like transcription factor, p53-related protein, TP73, P73

Protein Information

Name	TP73 (HGNC:12003)
Synonyms	P73
Function	Participates in the apoptotic response to DNA damage. Isoforms containing the transactivation domain are pro-apoptotic, isoforms lacking the domain are anti-apoptotic and block the function of p53 and transactivating p73 isoforms. May be a tumor suppressor protein. Is an activator of FOXJ1 expression (By similarity). It is an essential factor for the positive regulation of lung ciliated cell differentiation (PubMed: 34077761).
Cellular Location	Nucleus. Cytoplasm. Note=Accumulates in the nucleus in response to DNA damage
Tissue Location	Expressed in striatal neurons of patients with Huntington disease (at protein level). Brain, kidney, placenta, colon, heart, liver, spleen, skeletal muscle, prostate, thymus and pancreas Highly expressed in fetal tissue. Expressed in the respiratory epithelium (PubMed: 34077761).

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